

Fig. 1 PRIOR ART

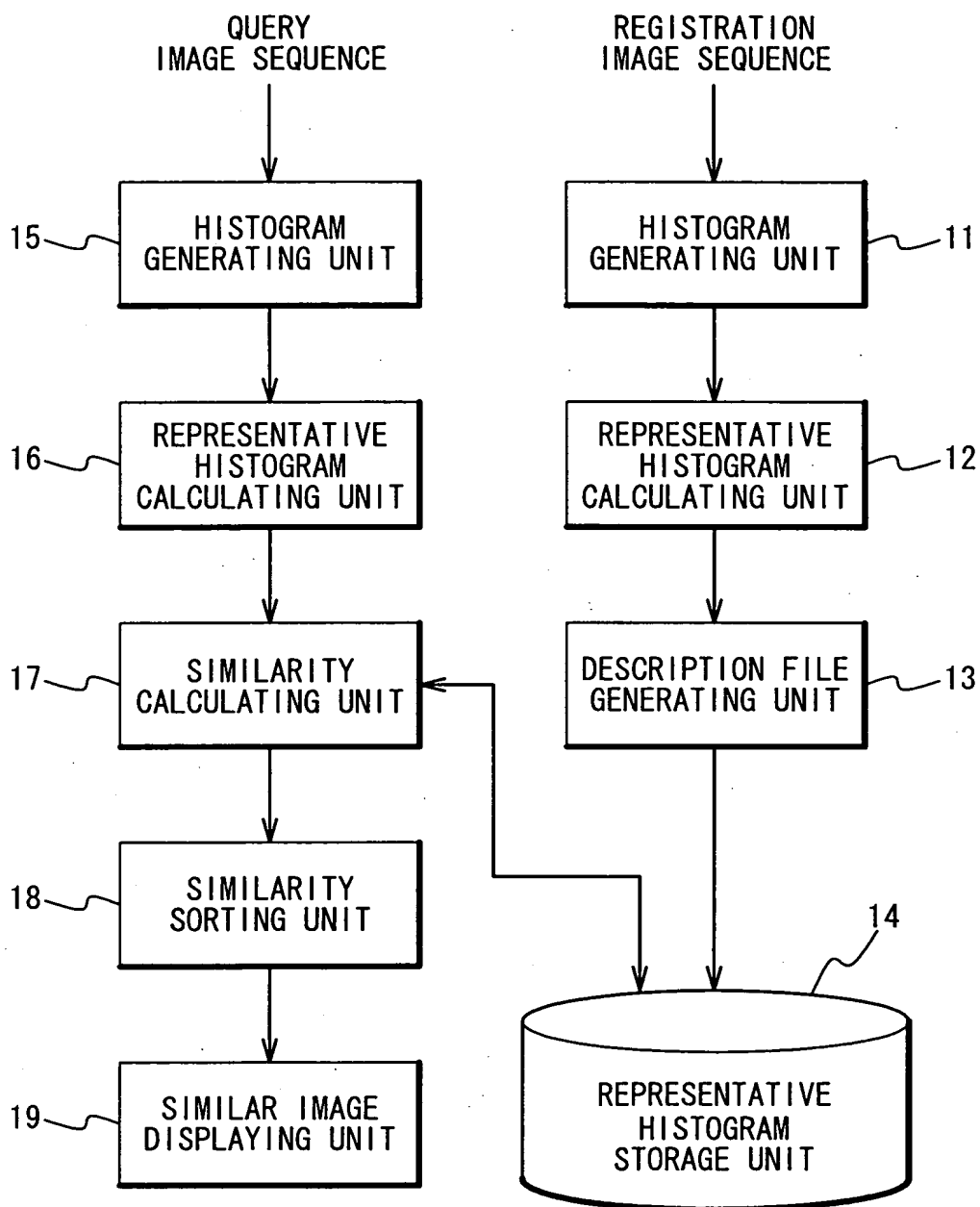


Fig. 2 PRIOR ART

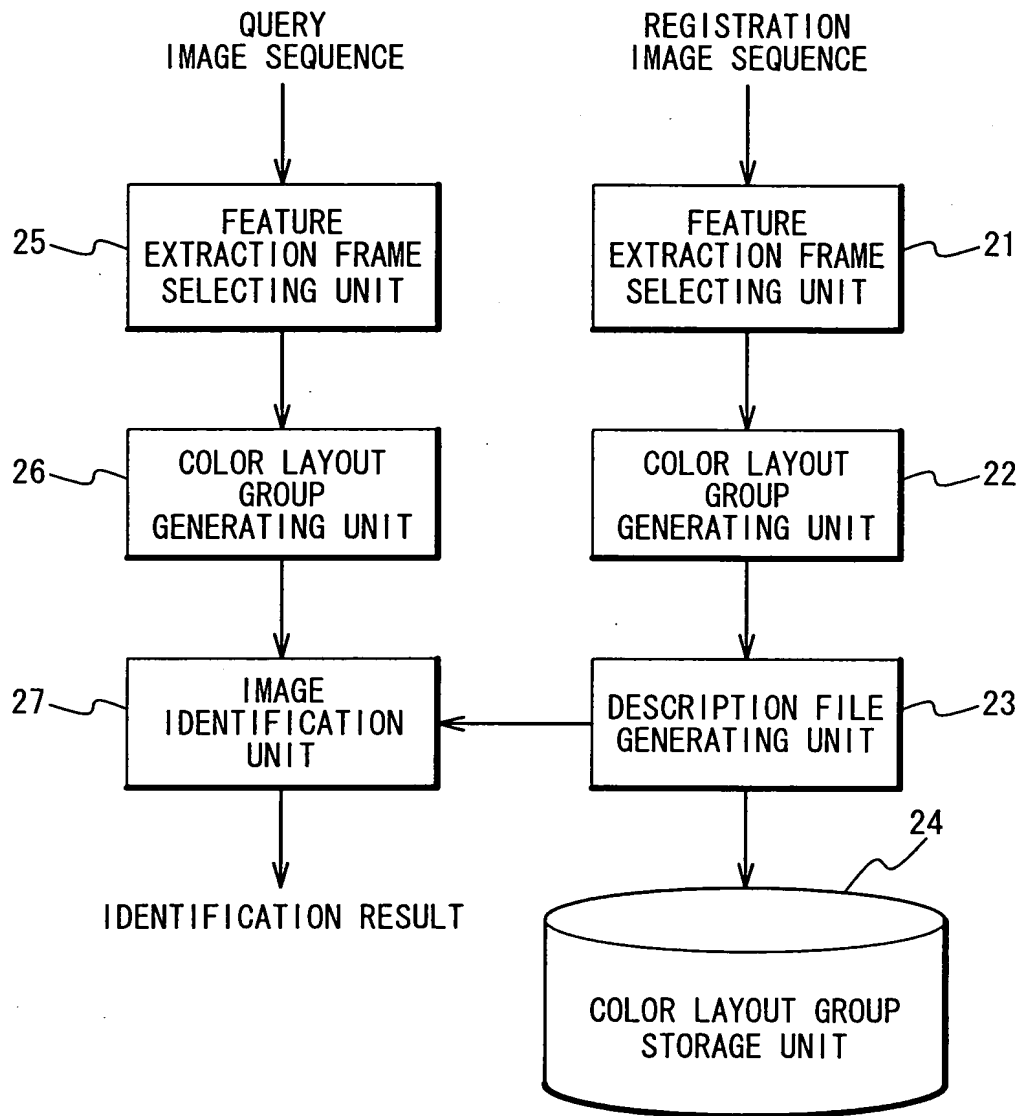


Fig. 3

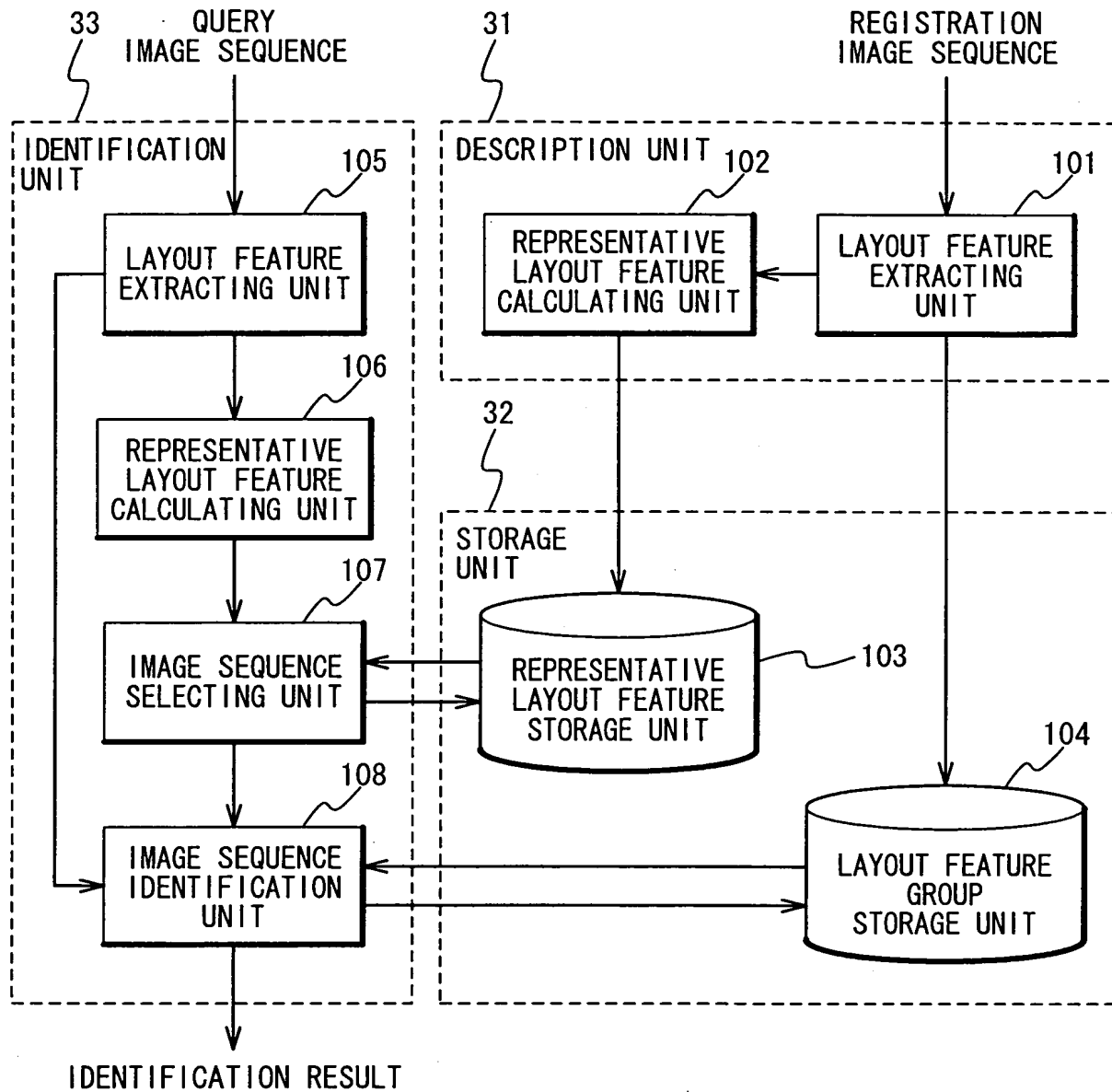


Fig. 4

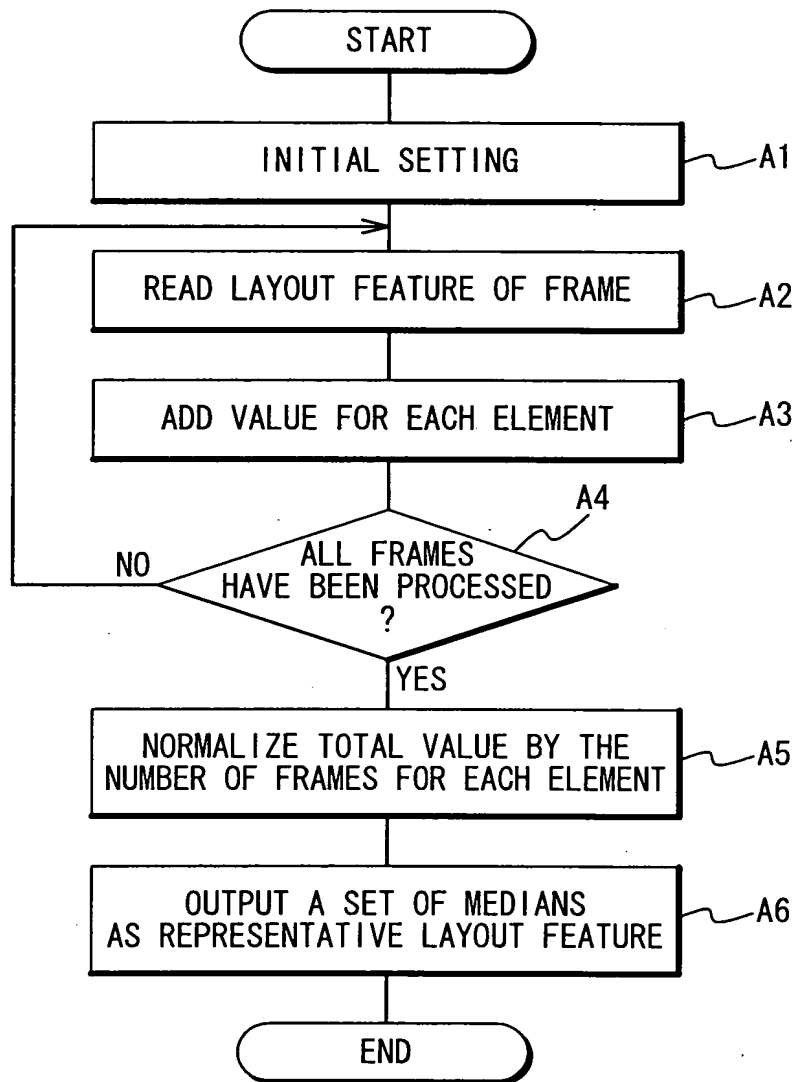


Fig. 5

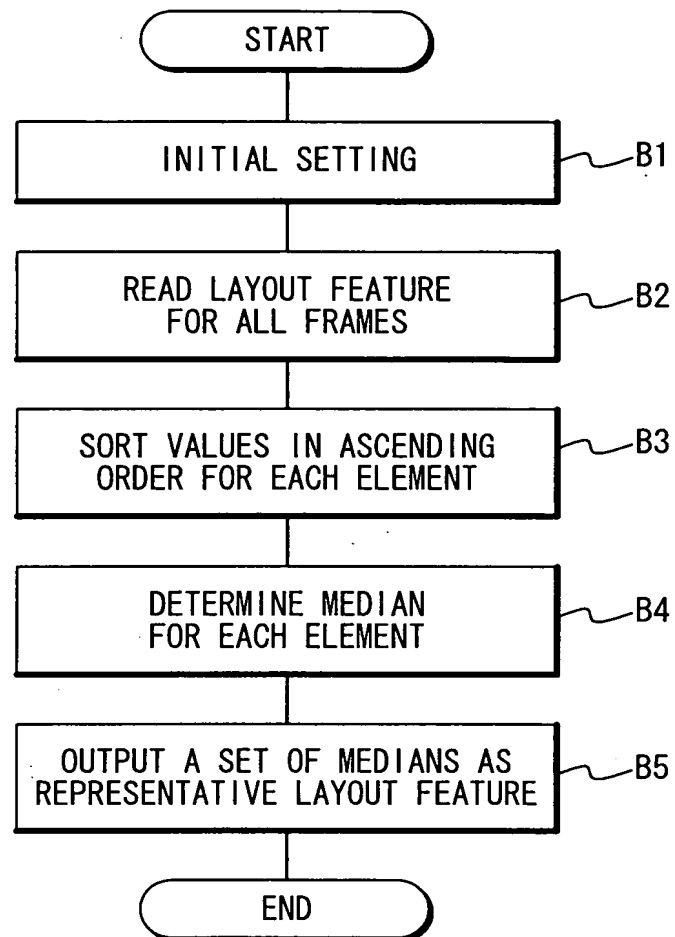


Fig. 6

	YDC	YAC[1]	YAC[2]	YAC[3]	YAC[4]	YAC[5]	CbDC	CbAC[1]	CbAC[2]	CrDC	CrAC[1]	CrAC[2]
Frame1	31	13	5	9	16	16	14	17	26	38	16	10
Frame2	11	20	9	15	14	10	26	14	16	34	16	13
Frame3	15	17	11	17	18	15	24	16	17	28	17	8
Frame4	21	7	14	14	13	11	18	22	12	31	10	17
Frame5	32	16	4	11	16	15	15	17	26	36	16	8

TOTAL	110	73	43	66	77	67	97	86	97	167	75	56
AVERAGE	22	15	9	13	15	13	19	17	19	33	15	11

Fig. 7

	YDC	YAC[1]	YAC[2]	YAC[3]	YAC[4]	YAC[5]	CbDC	CbAC[1]	CbAC[2]	CrDC	CrAC[1]	CrAC[2]
Frame1	31	13	5	9	16	16	14	17	26	38	16	10
Frame2	11	20	9	15	14	10	26	14	16	34	16	13
Frame3	15	17	11	17	18	15	24	16	17	28	17	8
Frame4	21	7	14	14	13	11	18	22	12	31	10	17
Frame5	32	16	4	11	16	15	15	17	26	36	16	8
MEDIAN	21	16	9	14	16	15	18	17	17	34	16	10

F i g . 8

```
<complexType name= "GofGopFeature" >
  <complexContent>
    <choice>
      <element name= "ColorLayout"
xsi:type= "mpeg7:ColorLayoutType" />
      <element name= "EdgeHistogram"
xsi:type= "mpeg7:EdgeHistogramType" />
    </choice>
    <attribute name= "aggregation" use= "optional" >
      <simpleType>
        <restriction base= "string" >
          <enumeration value= "Average" />
          <enumeration value= "Median" />
          <enumeration value= "Intersection" />
        </restriction>
      </simpleType>
    </attribute>
  </complexContent>
</complexType>
```


Fig. 9

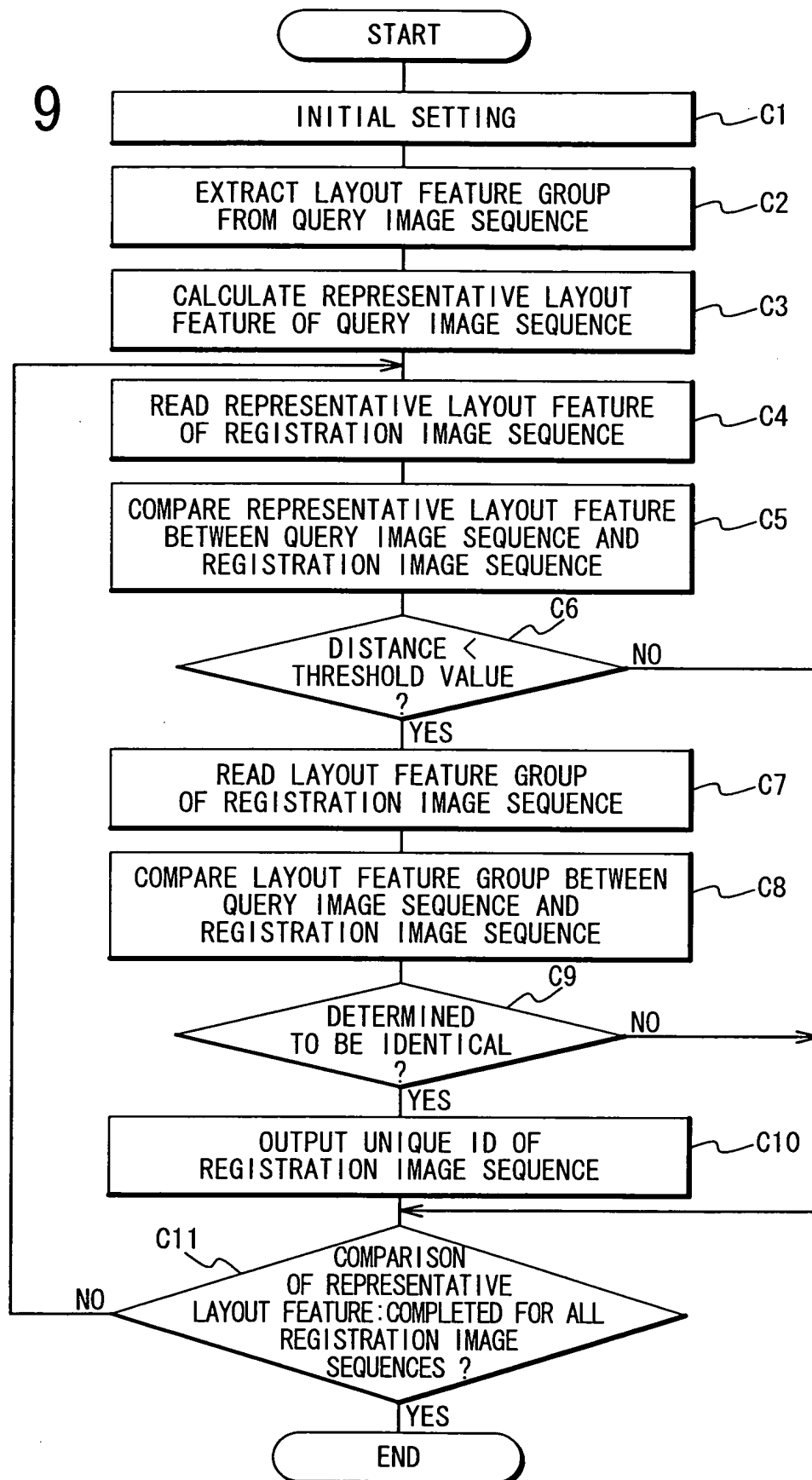


Fig. 10

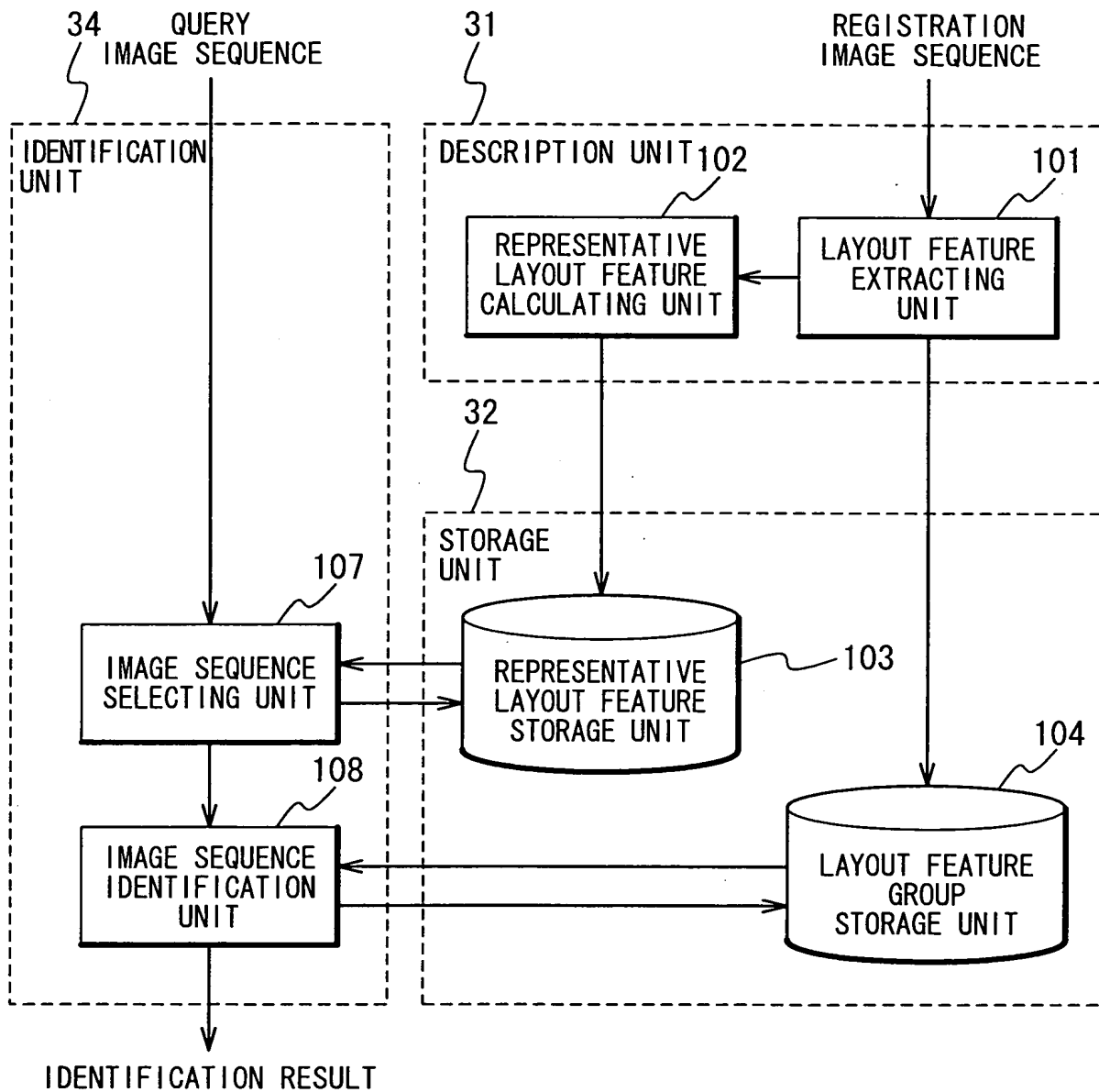


Fig. 11

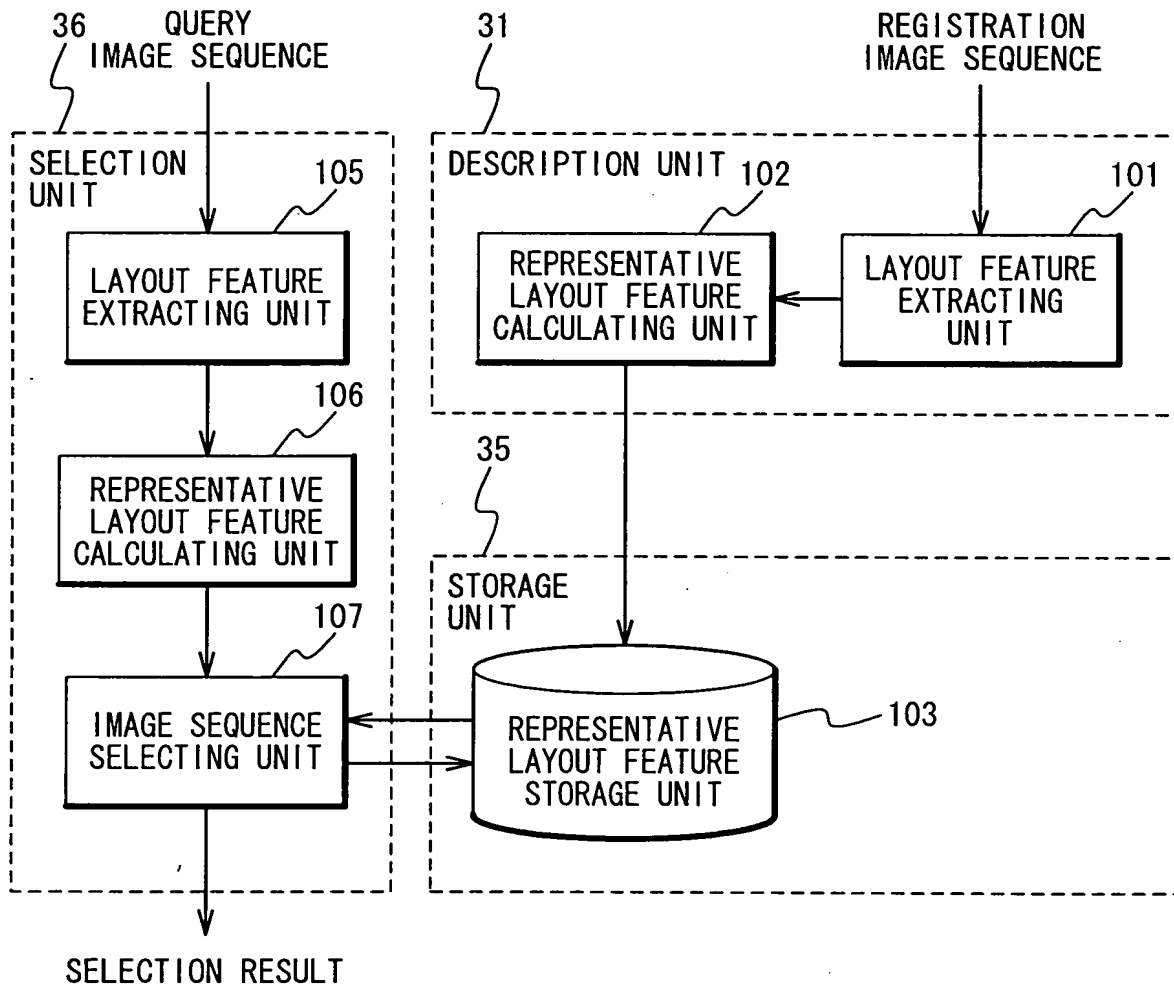


Fig. 12

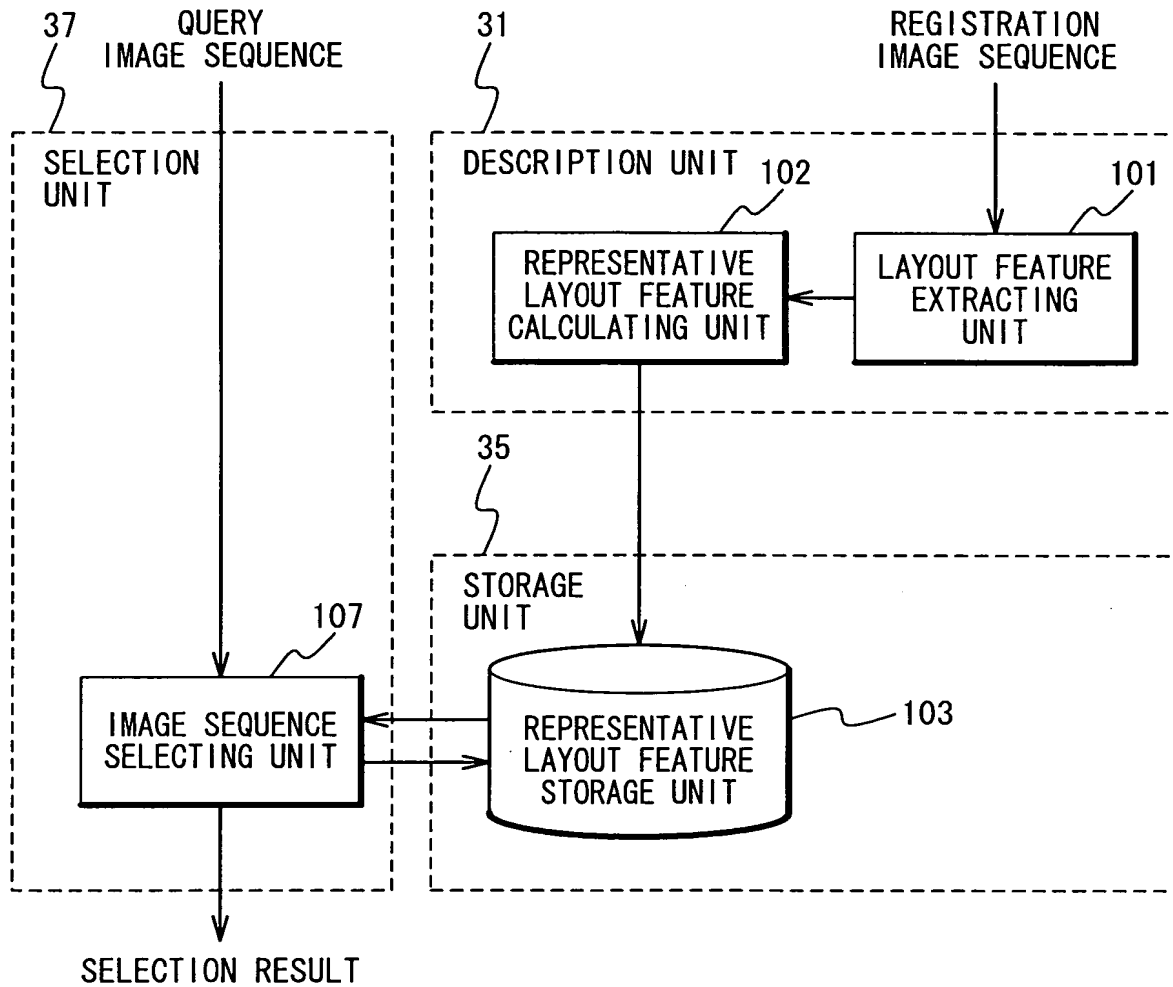
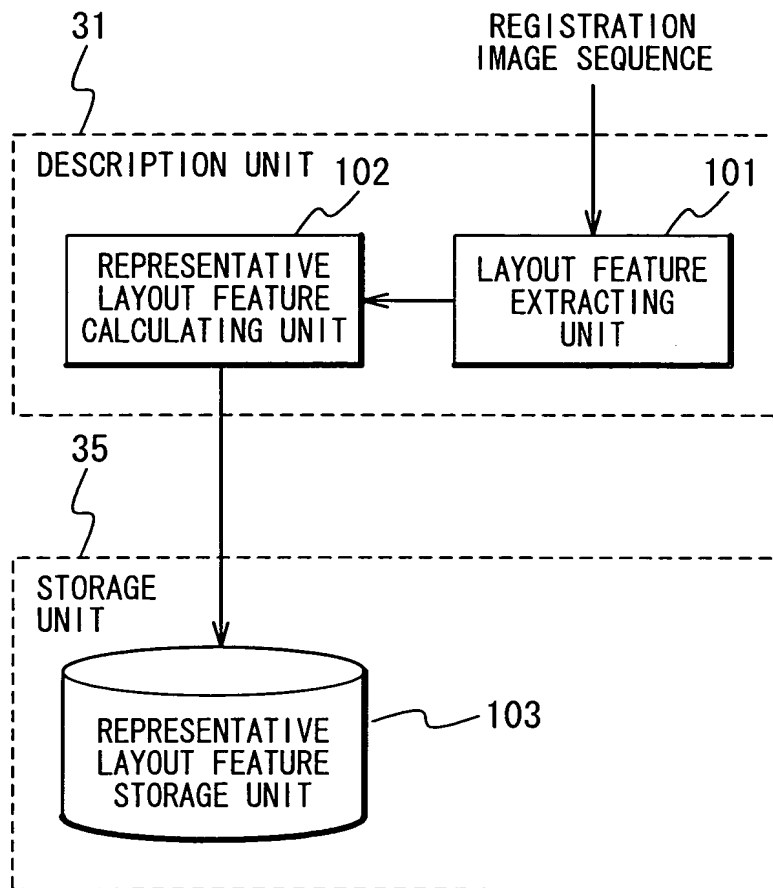


Fig. 13



F i g . 1 4

Description Tools	Average	Medium	Intersection
Color Layout	Y	Y	n/a
Edge Histogram	Y	Y	n/a

F i g . 1 5

GofGopFeature{	Number of bits
Aggregation Flag	1
if(AggregationFlag) {	
AggregationType	3
}	
DescriptionID	8
Descriptor	DEPENDING ON FEATURE
}	

F i g . 1 6

AggregationType	aggregation
000	prohibited
001	Average
010	Median
011	Intersection
100-111	reserved

F i g . 1 7

```
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    <element name= "Descriptors" xsi:type= "mpeg7:PictureType" />
    <attribute name= "aggregation" use= "optional" >
      <simpleType>
        <restriction base= "string" >
          <enumeration value= "Average" />
          <enumeration value= "Median" />
          <enumeration value= "Intersection" />
          <enumeration value= "unspecified" />
        </restriction>
      </simpleType>
    </attribute>
  </element>
</complexContent>
</complexType>
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